MAGNETIC STRIPE TIMING TRACK USED TO ELIMINATE OPTICAL ENCODER

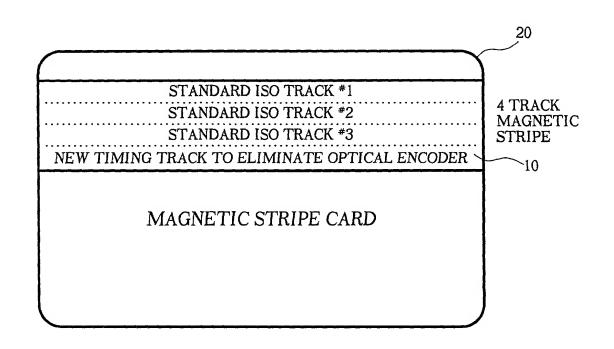


FIG. 1

	0.223"		RECORDING DENSITY (bits per inch)	CHARACTER CONFIGURATION (including parity bit)	INFORMATION CONTENT (including control characters)
0.110"	3.110" TRACK 1 IATA	IATA	210 BPI	7 BITS PER CHARACTER	79 ALPHANUMERIC CHARACTERS
0.110").110" TRACK 2 ABA	ABA	75 BPI	5 BITS PER CHARACTER	40 NUMERIC CHARACTERS
0.110"	.110" TRACK 3 THRIF	THRIFT	210 BPI	5 BITS PER CHARACTER	107 NUMERIC CHARACTERS

FIG. 2

		•
	ES LRC	
	ES	
RS	DISCRETIONARY DATA	NO. OF CHARACTERS PVK1 1 PW OR Offset 4 CW or CVC 3 Same or all of the above fields may be found within the Discretionary data.
76 ALPHA NUMERIC DATA CHARACTERS -	ADDITIONAL DATA	NO. OF CHARACTERS Expiration Date (YYMM) 4 Service Code 3
N.	FS	
—— 76 АГРНА	NAME	Name (26 alphnumeric characters Max)
	FS	
	PAN	Primary Account No. (19 digits Max)
<u>†</u>	FC	
	SS	

FIG. 3

•	ES LRC				ES LRC							
	ARY DATA	NO. OF CHARACTERS 1 4	CW or CVC Same or all of the above fields may be found within the Discretionary data.		TA	NO. OF CHARACTERS			-	9		
37 ALPHA NUMERIC DATA CHARACTERS	DISCRETIONARY DATA	PVK1 PVV OR Offset	S	ADDITIONAL DATA		First Subsidiary Account Number (opt.)	Secondary Susidiary Account Number (opt.)	(er	hic Check .)	ry Data		
	ADDITIONAL DATA	NO. OF CHARACTERS AM) 4		HARACTER			First Subsidiar Number (opt.)	Secondary Account	Relay Marker	Cryptographic Check Digits (opt.)	Discretionary Data	
		CH. Expiration Date (YYMM) Service Code	-104 ALPHA NUMERIC DATA CHARACTERS-	DATA	NO. OF CHARACTERS	mm·	- 4 4 4	. 2 -	- 9 - 6	1004-	- 6	
		Expira Service		D SECURITY DATA			ent led per Cycle ing this Cycle lidity Datae)	(2000 (2000)	s -	Restriction Restriction (opt.)	(opt.)	
	FS					opt.)			ameters Itrol striction		umber	
		y No. Max)	IG. 4	104 ALPF	USE AND		Country Code (opt.) Currency Code	Amount Authorized per Cycle Amount Remaining this Cycle Cycle Beain (Validity Datae)	Cycle Length	PIN Control Parameters Interchange Control PAN Service Restriction	SAN-1 Service Restriction SAN-2 Service Restriction Expiration Date (opt.)	Card Security Number (opt.)
	PAN	Primary Account No. (19 digits Max)			FS	-				1 -		
		Ac (19	FI		PAN	Primary Account No.	(19 digits Max)			FIG. 5		
+	SS			<u> </u>	SS FC		<u> </u>			7		

TRANSACTION FLOWCHART

